



JONES, DAY, REAVIS & POGUE

NORTH POINT • 901 LAKESIDE AVENUE

CLEVELAND, OHIO 44114-1190

TELEPHONE: 216-586-3939 • FACSIMILE: 216-579-0212

*Receipt  
DSC 7/18*  
**FILE COPY**

WRITER'S DIRECT NUMBER:

(216) 586-1402

2125:sk/276529\_1  
560043-610132

June 6, 2000

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Re: Application No. 09/540,955  
Filing Date: March 31, 2000  
Applicant: BuAbbud, et al.

Dear Sir:

Enclosed is a copy of the Filing Receipt in the above-captioned matter. Please make the following corrections:

**Please correct the spelling of the last name of the inventor from George H. Buabbud to George H. BuAbbud.**

**Please correct the spelling of the word "two" in the title of the invention from "Bidirectional frequency shift coding using "tow" different codes for upstream and downstream" to "Bidirectional frequency shift coding using word two different codes for upstream and downstream."**

Thank you for your assistance in this matter. Please advise if you have any questions.

Very truly yours,

Suzanne Koston  
Patent & Trademark Assistant

Enclosure

cc: David B. Cochran, Esq. (w/o Encls.)

*RECEIVED  
JUL 12 2000  
TC 2700 MAIL ROOM  
TECHNOLOGY CENTER 2800*

RECEIVED  
JUL 17 2000

47

**FILING RECEIPT**

\*OC00000005150848\*

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

Address: ASSISTANT SECRETARY AND  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/540,955	03/31/2000	2874	690	560043610132	5	11	JDRB

David B Cochran  
Jones Day Reavis & Pogue  
North Point  
901 Lakeside Avenue  
Cleveland, OH 44114-1190

JUN 09 2000

**RECEIVED**

Date Mailed: 06/01/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

George H. Buabbud, South Lake, TX ;  
Muneer Zuhdi, Lewisville, TX ;

**Continuing Data as Claimed by Applicant****Foreign Applications****If Required, Foreign Filing License Granted 06/01/2000****Title**

Bidirectional frequency shift coding using tow different codes for upstream and downstream

**Preliminary Class**

385

**Data entry by : MARTIN, DIANE****Team : OIPE****Date: 06/01/2000**

RECEIVED  
JUL 12 2000  
TECHNOLOGY CENTER 2800

JUL 17 2000  
TC 2700 MAIL ROOM  
RECEIVED

**FILE COPY**

Bib Data Sheet


**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER 09/540,955	FILING DATE 03/31/2000 RULE -	CLASS 385	GROUP ART UNIT 2874	ATTORNEY DOCKET NO. 560043610132
-----------------------------	-------------------------------------	--------------	------------------------	--

**APPLICANTS**
 George H. BuAbbud, South Lake, TX ;  
 Muneer Zuhdi, Lewisville, TX ;
**\*\* CONTINUING DATA \*\*\*\*\***
*None sk*
**\*\* FOREIGN APPLICATIONS \*\*\*\*\***
*None sk*
**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 06/01/2000

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	TX	5	11	2
Verified and Acknowledged	<i>SK</i>	Examiner's Signature	Initials		

**ADDRESS**
 David B Cochran  
 Jones Day Reavis & Pogue  
 North Point  
 901 Lakeside Avenue  
 Cleveland ,OH 44114-1190
**TITLE**

Bidirectional frequency shift coding using two different codes for upstream and downstream

FILING FEE RECEIVED 690	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---